VERNON
ROYAL
LINE

No. 6-11 Date IX/58

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		20 — 66.0	
2		16 52.8	
3		20 66.0	
4		20 66.0	
5		22 66.0	
6		20 66.0	
7		25 82.5	
8		20 66.0	
9		20 66.0	
10		18 59.4	
T		656.7	
$\bar{x}$		65.7	

Sertoli Cells: seen

Remarks:

1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
T		
X		

No. 6-22 Date X/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 - 112.2	
2		31 102.3	
3		36 118.8	
4		41 135.3	
5		38 125.4	
6		43 141.9	
7		37 122.1	
8		45 148.5	
9		41 135.3	
10		40 132.0	
T		1273.8	
$\bar{x}$		127.4	

Sertoli Cells: seen

Remarks:

No. 6-31 Date 1/5 9

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 - 75.9	
2		22 72.6	
3		20 66.0	
4		27 89.1	
5		28 92.4	
6		34 112.2	
7		26 85.8	
8		24 79.2	
9		23 75.9	
10		27 89.1	
T		838.2	
$\bar{x}$		83.8	

Sertoli Cells: seen

Remarks:

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No. 6-32 Date 1/5 9

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		16 - 52.8	
2		13 42.9	
3		13 42.9	
4		13 42.9	
5		12 39.6	
6		17 56.1	
7		13 42.9	
8		13 42.9	
9		15 52.8	
10		13 42.9	
T		458.7	
$\bar{x}$		45.9	

Sertoli Cells: Seen

Remarks:

No. 6-33 Date 11/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44 - 145.2	
2		41 135.3	
3		43 141.9	
4		42 138.6	
5		42 138.6	
6		43 141.9	
7		45 148.5	
8		48 158.4	
9		45 148.5	
10		41 135.3	
T		1432.2	
$\bar{x}$		143.2	

Sertoli Cells: Open

Remarks:

E = 110.5 µ ①

No. 634 Date 11/5/59

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		65 - 214.5	19 - 62.7
2		68 224.4	25 82.5
3		65 214.5	27 89.1
4		57 188.1	27 89.1
5		70 231.0	17 56.1
6		75 247.5	24 79.2
7		72 237.6	27 89.1
8		65 214.5	19 62.7
9		66 217.8	25 82.5
10		77 254.1	21 69.3
T		2244.0	762.2
$\bar{x}$		224.4	76.2

Sertoli Cells: seen

Remarks: most tubules in 2° spermatogenic stage

No. 6-31 Date 11/59

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		65 - 214.5	19 - 62.7
2		68 224.4	25 82.5
3		65 214.5	27 89.1
4		57 188.1	27 89.1
5		70 231.0	17 56.1
6		75 247.5	24 79.2
7		72 237.6	27 89.1
8		65 214.5	19 62.7
9		66 217.8	25 82.5
10		77 254.1	21 69.3
T		2244.0	762.2
$\bar{x}$		224.4	76.2

Sertoli Cells: clear

Remarks: most tubules are 2° spermatogenic stage

No. 4-40 Date 11/5 7

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (3)	Seminiferous epith. height
1		24. - 44.1	
2		23 48.3	
3		25 52.5	
4		30 63.0	
5		24 50.4	
6		29 60.9	
7		28 58.8	
8		24 50.4	
9		24 50.4	
10		22 46.2	
T		525.0	
$\bar{x}$		52.5	

Sertoli Cells: even

Remarks:

E = 4.3μ (1)

No. 6-41 Date 11/2/59

Spermatogenic Condition = O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12 - 39.6	
2		13 42.9	
3		14 46.2	
4		14 46.2	
5		14 46.2	
6		14 46.2	
7		11 36.3	
8		14 46.2	
9		14 46.2	
10		11 36.3	
T		432.3	
$\bar{x}$		43.2	

Sertoli Cells: none

Remarks:

$\bar{x} = 1.1\mu$

No. 6-42 Date 11/59

Spermatogenic Condition = 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		60 - 198.0	12 - 39.6
2		49 161.7	8 26.4
3		72 237.6	21 69.3
4		65 214.5	8 26.4
5		42 138.6	15 49.5
6		58 191.4	14 46.2
7		44 145.2	13 42.9
8		63 207.9	14 46.2
9		69 227.7	13 42.9
10		64 211.2	12 39.6
T		1933.8	409.0
$\bar{x}$		193.4	42.9

Sertoli Cells: seen

Remarks:

No. 6-44 Date 14/59

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		56 - 191.4	15 - 49.5
2		52 171.6	12 39.6
3		44 145.2	10 33.0
4		44 145.2	17 56.1
5		43 141.9	12 39.6
6			
7			
8			
9			
10			
T		795.3	217.8
$\bar{x}$		159.1	43.6

Sertoli Cells: moderate

Remarks: Tubule low

No. 6245 Date 14/5 9

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		105 - 346.5	12 - 39.6
2		53 174.9	14 46.2
3		85 280.5	15 49.5
4		68 224.4	23 75.9
5		62 204.6	15 49.5
6			
7			
8			
9			
10			
T		1230.9	260.7
$\bar{x}$		246.1	52.1

Sertoli Cells: [illegible]

Remarks:

No. 6-46 Date 10/5/59

Spermatogenic Condition = 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44 - 145.2	17 - 56.1
2		45 148.5	15 49.5
3		45 148.5	17 56.1
4		37 122.1	11 36.3
5		50 165.0	14 46.2
6		43 141.9	17 56.1
7		44 145.2	18 59.4
8		46 151.8	14 46.2
9		37 122.1	11 36.3
10		43 141.9	12 39.6
T		1432.2	481.8
$\bar{x}$		143.2	48.2

Sertoli Cells: none

Remarks:

No. 6-47 Date 10/59

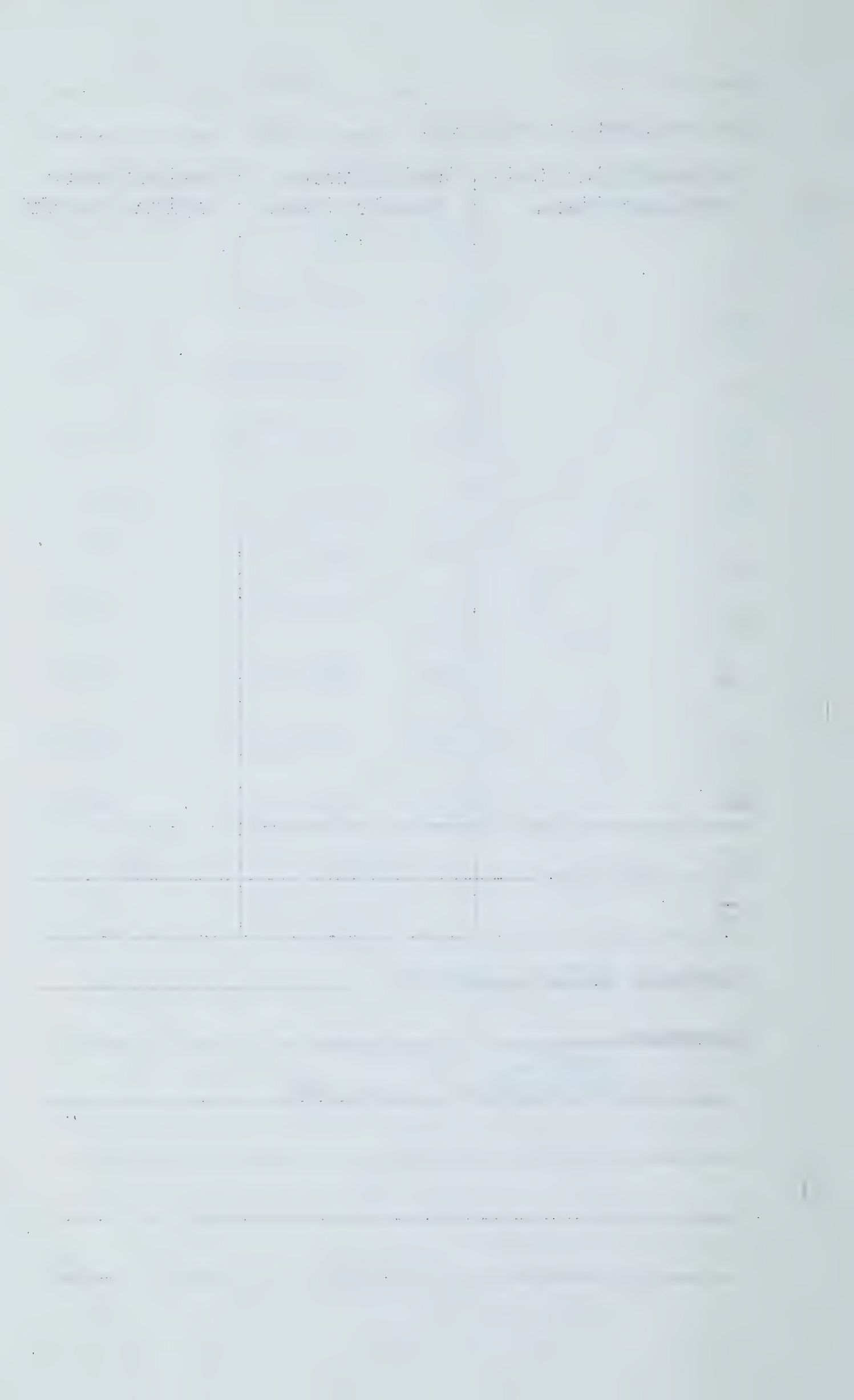
Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		33 - 108.9	6 - 19.8
2		33 108.9	13 42.9
3		24 79.2	6 19.8
4		25 82.5	7 23.1
5		31 102.3	9 29.7
6		24 85.8	6 19.8
7		33 105.9	9 29.7
8		30 99.0	5 16.5
9		32 105.6	9 29.7
10		29 95.7	7 23.1
T		976.8	254.1
$\bar{x}$		97.7	25.4

Sertoli Cells: seen

Remarks:

Spermatogonia still in testicular parenchyma



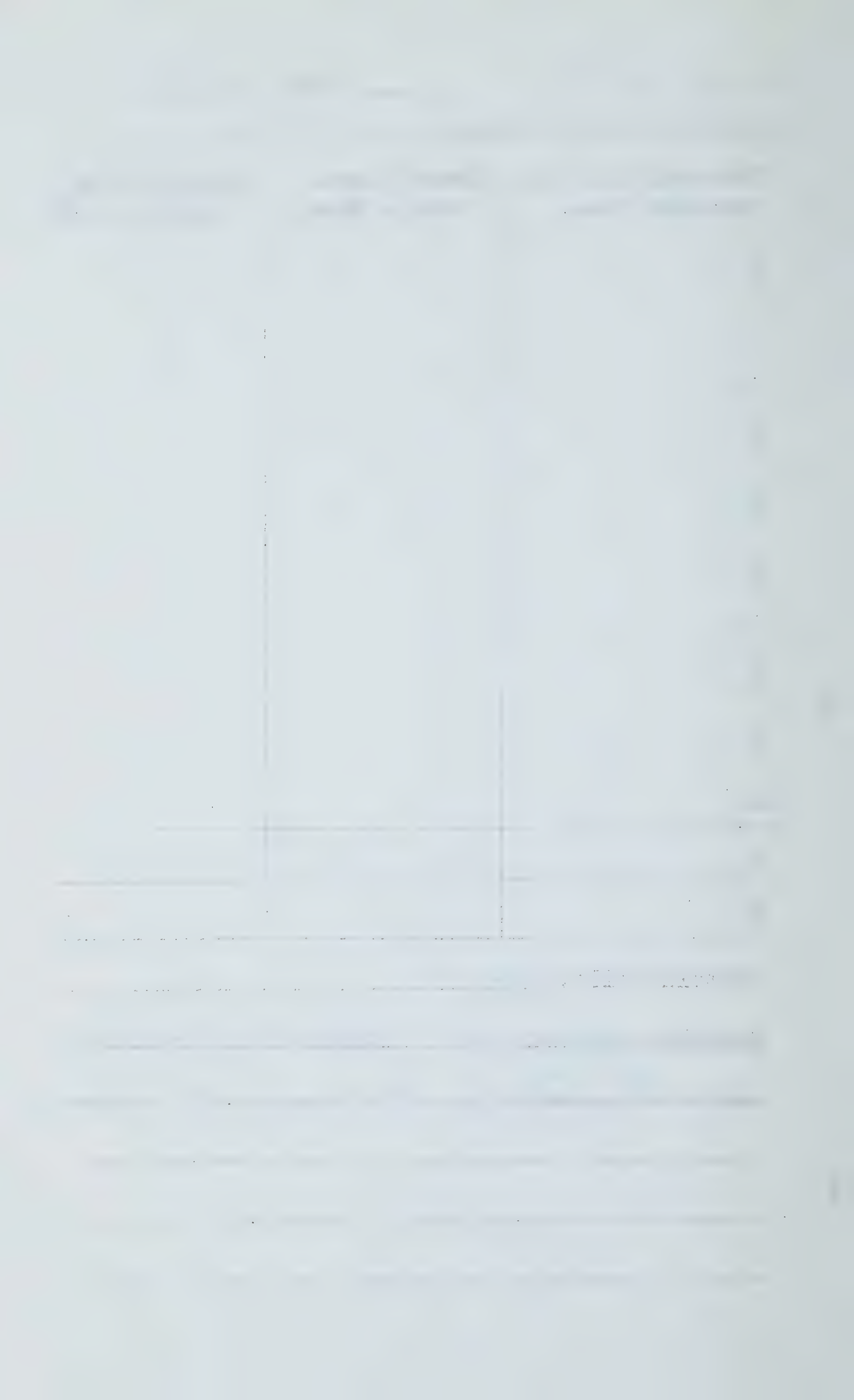
No. 6-53 Date 12/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: rear

Remarks: abnormal - tubule structure disintegrating, invasion of tissue



No. 6-54 Date 12/59

Spermatogenic Condition b

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		62 - 204.6	19 - 62.7
2		54 178.2	15 49.5
3		55 181.5	11 36.3
4		52 171.6	18 59.4
5		62 204.6	14 46.2
6		64 211.2	14 46.2
7		52 171.6	19 62.7
8		53 174.9	15 49.5
9		63 207.9	19 62.7
10		74 244.2	15 49.5
T		1950.3	524.7
$\bar{x}$		195.0	52.5

Sertoli Cells: clear

Remarks:

No. 60-57 Date 10/5-9

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks: abnormal - 2° spermatocytes & spermatids in lumen, few cells in tubule

No. 10-58 Date 10/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (5)	Seminiferous epith. height
1		20 - 66.0	
2		20 66.0	
3		16 52.8	
4		16 52.8	
5		18 59.4	
6		20 66.0	
7			
8			
9			
10			
T		363.0	
$\bar{x}$		60,5	

Sertoli Cells: none

Remarks:

No. 6-59 Date 10/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (3)	Seminiferous epith. height
1		21 - 69.3	
2		22 72.6	
3		22 72.6	
4		23 75.9	
5		18 59.4	
6		21 69.3	
7		21 69.3	
8		20 66.0	
9		14 19.2	
10		21 79.2	
T		712.8	
$\bar{x}$		71.3	

Sertoli Cells: seen

Remarks:

No. 6-60 Date 6/59

Spermatogenic Condition 0

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	17 - 56.1	
2	16 52.8	
3	19 62.7	
4	17 56.1	
5	17 56.1	
6	19 62.7	
7	17 56.1	
8	16 52.8	
9	20 66.0	
10	20 66.0	
T	587.4	
$\bar{x}$	58.7	

Sertoli Cells: [illegible]

Remarks:

No. 6-61 Date 11/57

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		193 - 207.9	18 - 59.4
2		192 204.6	15 49.5
3		181 267.3	16 52.8
4		171 234.3	21 69.3
5		161 201.3	12 39.6
6		162 204.6	12 39.6
7		165 214.5	22 72.6
8		165 214.5	14 46.2
9		165 214.5	19 62.7
10		175 242.5	19 62.7
T		2211.0	554.4
$\bar{x}$		221.1	55.4

Sertoli Cells:

Remarks:

E = 36.3 (4)

No. 60-62 Date 4/5 9

Spermatogenic Condition U

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		52 - 171.6	18 - 59.4
2		41 135.3	11 36.3
3		49 161.7	15 49.5
4		53 174.9	10 33.0
5		57 188.1	14 46.2
6		61 201.3	15 49.5
7		42 138.6	9 29.7
8		48 158.4	19 62.7
9		39 128.7	7 23.1
10		53 174.9	10 33.0
T		1603.5	422.4
$\bar{x}$		~~160~~ 163.4	42.2

Sertoli Cells: None

Remarks:

No. 1-63 Date V/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		94 - 310.2	22 - 72.6
2		82 270.6	16 52.8
3		77 254.1	14 46.2
4		67 221.1	18 59.4
5		73 240.9	12 39.6
6		78 257.4	15 49.5
7		79 260.7	19 62.7
8		82 270.6	20 66.0
9		76 250.8	15 49.5
10		90 297.0	22 72.6
T		2633.4	570.9
$\bar{x}$		263.3	57.1

Sertoli Cells: none

Remarks:

E = 33µ (4)

No. 6-64 Date 4/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		63 - 207.9	12 - 39.6
2		52 171.6	13 42.9
3		50 165.0	11 36.3
4		52 171.6	6 19.8
5		58 191.4	17 56.1
6		60 198.0	13 42.9
7		60 198.0	14 46.2
8		47 155.1	15 49.5
9		60 195.0	11 36.3
10		52 171.6	12 39.6
T		1828.2	409.2
$\bar{x}$		182.8	40.9

Sertoli Cells: seen

Remarks:

No. 6-65 Date 6/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		25 - 82.5	
2		22 72.6	
3		30 99.0	
4		27 89.1	
5		24 79.2	
6		26 85.8	
7		31 102.3	
8		20 66.0	
9		17 56.1	
10		25 82.5	
T		815.1	
$\bar{x}$		81.5	

Sertoli Cells: seen

Remarks:

No. 6-66 Date 1/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		68 - 224.4	21 - 69.3
2		81 267.3	14 46.2
3		93 306.9	18 59.4
4		68 224.4	12 39.6
5		81 267.3	27 89.1
6		78 257.4	15 49.5
7		71 234.3	19 62.7
8		88 290.4	20 66.0
9		75 247.5	14 46.2
10		98 323.4	12 39.6
T		2643.3	567.6
$\bar{x}$		264.3	56.8

Sertoli Cells: none

Remarks:

No. 62-76 Date 4/5 9

Spermatogenic Condition [illegible] = 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		15. - 49.5	
2		14 46.2	
3		16 52.8	
4		16 52.8	
5		17 56.1	
6		15 49.5	
7		15 49.5	
8		13 42.9	
9		15 49.5	
10		15 49.5	
T		498.3	
$\bar{x}$		49.8	

Sertoli Cells: seen

Remarks:

No. 6-77 Date V/59

Spermatogenic Condition (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		10. - 33.0	
2		11 36.3	
3		11 36.3	
4		12 33.0	
5			
6			
7			
8			
9			
10			
T		138.6	
$\bar{x}$		34.6	

Sertoli Cells: seen

Remarks: very small piece of testis

E = 6.6μ (1)

No. 6-93 Date VI/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		14 - 46.2	
2		15 49.5	
3		14 46.2	
4		13 42.9	
5		14 46.2	
6		15 49.5	
7		13 42.9	
8		15 49.5	
9		14 46.2	
10		15 49.5	
T		465.6	
$\bar{x}$		46.9	

Sertoli Cells: seen

Remarks:

$\bar{C}$ = 13.2 μ (1)

No. 0-96 Date 01/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: not seen

Remarks: testes disintegrating

No. 6-97 Date 12/57

Spermatogenic Condition 8

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	27 - 89.1	
2	28 92.4	
3	18 89.4	
4		
5		
6		
7		
8		
9		
10		
T	240.9	
$\bar{x}$	80.3	

Sertoli Cells: seen

Remarks: dark blue spermatids on Tubule, no lumen, some areas have ~~no~~ only 1 metaphase mass

No. 6-98 Date VI/59

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks: tubal structure completely broken down

No. 0-99 Date 6/1/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		11 - 36.3	
2		13 42.9	
3		13 42.9	
4		11 36.3	
5		12 39.6	
6		11 36.3	
7		12 39.6	
8		11 36.3	
9		13 42.9	
10		12 39.6	
T		392.7	
$\bar{x}$		39.3	

Sertoli Cells: Above

Remarks:

No. 62-100 Date 6/1/59

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: testes in transit

No. 10-101 Date 11/4/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		11 — 36.3	
2		10 33.0	
3		11 36.3	
4		10 33.0	
5		9 29.7	
6		10 33.0	
7		9 29.7	
8		9 29.7	
9		10 33 0	
10		9 29.7	
T		323.4	
$\bar{x}$		32.3	

Sertoli Cells: none

Remarks:

No. 6-102 Date 11/5/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13. - 42.9	
2		15 49.5	
3		15 49.5	
4		15 49.5	
5		14 46.2	
6		16 52.8	
7		14 46.2	
8		14 46.2	
9		15 49.5	
10		15 49.5	
T		481.8	
$\bar{x}$		48.2	

Sertoli Cells: seen

Remarks:

E = 9.9 μ

No. 6-103 Date 11/5-9

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: Tissue discarded because [illegible] tate

No. 6-104 Date 11/5/57

Spermatogenic Condition (2) 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12. - 39.6	
2		11 36.3	
3		11 36.3	
4		11 36.3	
5		11 36.3	
6		11 36.3	
7		11 36.3	
8		11 36.3	
9		3 12.9	
10		10 33.0	
T		369.6	
$\bar{x}$		37.0	

Sertoli Cells: seen

Remarks:

No. 6-107 Date VII/5-9

Spermatogenic Condition [illegible] 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12 - 39.6	
2		10 33.0	
3		12 39.6	
4		12 39.6	
5		10 33.0	
6		10 33.0	
7		11 36.3	
8		12 39.6	
9		10 33.0	
10		11 36.3	
T		363.0	
$\bar{x}$		36.3	

Sertoli Cells: Rare

Remarks:

No. W-113 Date Oct / 59

Spermatogenic Condition: O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		14. - 46.2	
2		11 36.3	
3		11 36.3	
4		12 39.6	
5		12 39.6	
6		12 39.6	
7		10 33.0	
8		13 42.9	
9		14 46.2	
10		11 36.3	
T		396.0	
$\bar{x}$		39.6	

Sertoli Cells: Seen

Remarks:

No. Co-114 Date 4/4/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		12 59.6	
2		11 36.3	
3		10 33.0	
4		8 26.4	
5		9 29.7	
6		10 33.0	
7		10 33.0	
8		10 33.0	
9		12 39.6	
10		12 39.6	
T		343.2	
$\bar{x}$		34.3	

Sertoli Cells: Few

Remarks:

No. 0-167 Date VII/5-9

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15. - 49.5	
2		19 62.7	
3		16 52.8	
4			
5			
6			
7			
8			
9			
10			
T		165.0	
$\bar{x}$		55.0	

Sertoli Cells: none

Remarks: tubule structure disintegrating in places

E = 13.24

No. 6-120 Date 4/11/59

Spermatogenic Condition ? 6?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: tubule structure disturbed

No. 61-121 Date III/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks: tubules disintegrated

E-23.1/4 (1)

No. 60-124 Date 4/11/59

Spermatogenic Condition 5 = D

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13. - 42.9	
2		11 36.3	
3		12 39.6	
4		11 36.3	
5		11 36.3	
6		11 36.3	
7		11 36.3	
8		12 39.6	
9		10 33.0	
10		12 39.6	
T		376.2	
$\bar{x}$		37.6	

Sertoli Cells: Seen

Remarks:

No. ~~B~~ 6-125 Date VIII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks: no tubule structure - spermatids scattered through tissue

E = 16.5

(5)

No. 0-126 Date VIII/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15 - 49.5	
2		15 49.5	
3		13 42.9	
4		12 39.6	
5		12 39.6	
6		13 42.9	
7		14 46.2	
8		13 42.9	
9		15 49.5	
10		15 49.5	
T		452.1	
$\bar{x}$		45.2	

Sertoli Cells: None

Remarks:

No. 6-130 Date VIII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		19 - 62.7	
2		21 69.3	
3		19 62.7	
4		19 62.7	
5		18 59.4	
6		21 69.3	
7		19 62.7	
8		20 66.0	
9		20 66.0	
10		16 52.8	
T		633.6	
$\bar{x}$		63.4	

Sertoli Cells: clear

Remarks:

No. 6-132 Date VIII/57

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		15 - 49.5	
2		15 49.5	
3		11 36.3	
4		13 42.9	
5		13 42.9	
6		13 42.9	
7		13 42.9	
8		14 46.2	
9		12 39.6	
10		12 39.6	
T		132.3	
$\bar{x}$		43.2	

Sertoli Cells: seen

Remarks:

No. 6-134 Date VIII/59

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: very abnormal

No. k-137 Date 8/14/59

Spermatogenic Condition (2) 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		11 - 36.3	
2		10 33.0	
3		11 36.3	
4		11 36.3	
5		10 33.0	
6		10 33.0	
7		11 363	
8		10 33.0	
9		11 36.3	
10		10 33.0	
T		346.5	
$\bar{x}$		34.6	

Sertoli Cells: seen

Remarks:

No. 6-138 Date VIII/59

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: ~~...~~ e testes on slide

No. 6-142 Date VIII/59

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		11 - 36.3	
2		10 33.0	
3		10 33.0	
4		10 33.0	
5		12 39.6	
6		9 29.7	
7		10 33.0	
8		10 33.0	
9		9 29.7	
10		9 29.7	
T		330.0	
$\bar{x}$		33.0	

Sertoli Cells: none

Remarks:

No. 6-143 Date VIII/59

Spermatogenic Condition b

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		24 - 79.2	
2		24 79.2	
3		23 75.9	
4		23 75.9	
5		21 69.3	
6		18 59.4	
7		20 66.0	
8		25 82.5	
9		23 75.9	
10		23 75.9	
T		739.2	
$\bar{x}$		73.9	

Sertoli Cells: none

Remarks:

No. 6-144 Date VIII/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		11 - 36.3	
2		12 39.6	
3		11 36.3	
4		13 42.9	
5		13 42.9	
6		13 42.9	
7		12 39.6	
8		13 42.9	
9		12 39.6	
10		13 42.9	
T		405.9	
$\bar{x}$		40.6	

Sertoli Cells: seen

Remarks:

No. 6-148 Date VIII/89

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		14 - 46.2	
2		16 52.8	
3		14 46.2	
4		15 49.5	
5		14 46.2	
6		14 46.2	
7		15 49.5	
8		14 46.2	
9		14 46.2	
10		16 52.8	
T		481.8	
$\bar{x}$		48.2	

Sertoli Cells: Lean

Remarks:

No. 6-149 Date VIII/59

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		23 - 75.9	
2		26 85.8	
3		31 102.3	
4		29 95.7	
5		31 102.3	
6		27 89.1	
7		22 72.6	
8		28 92.4	
9		24 79.2	
10		27 89.1	
T		834.4	
$\bar{x}$		83.4	

Sertoli Cells: seen

Remarks:

No. 6-1,51 Date VIII/29

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		29 - 95,7	
2		25 82,5	
3		25 82,5	
4		23 75,9	
5		24 79,2	
6		26 85,8	
7		30 99,0	
8		26 85,8	
9		32 105,6	
10		29 95,7	
T		887,7	
$\bar{x}$		88,8	

Sertoli Cells: new

Remarks:

No. 6-153 Date VIII/59

Spermatogenic Condition VIII = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 - 75.9	
2		22 72.6	
3		23 75.9	
4		24 79.2	
5		24 79.2	
6		21 69.3	
7		25 82.5	
8		20 66.0	
9		20 66.0	
10		21 69.3	
T		735.9	
$\bar{x}$		73.6	

Sertoli Cells: seen

Remarks:

No. 6-155 Date IX/59

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		14 - 46.2	
2		12 39.6	
3		12 39.6	
4		15 49.5	
5		13 42.9	
6		15 49.5	
7		14 46.2	
8		15 49.5	
9		13 42.9	
10		13 42.9	
T		448.5	
$\bar{x}$		44.9	

Sertoli Cells: none

Remarks:

No. 60-156 Date IX/59

Spermatogenic Condition [illegible] 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13. – 42.9	
2		13 42.9	
3		15 49.5	
4		11 36.3	
5		13 42.9	
6		13 42.9	
7		13 42.9	
8		14 46.2	
9		15 49.5	
10		14 46.2	
T		442.2	
$\bar{x}$		44.2	

Sertoli Cells: Seen

Remarks:

No. 60-157 Date IX/5-9

Spermatogenic Condition = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 - 112.2	
2		35 115.5	
3		31 112.2	
4		28 92.4	
5			
6			
7			
8			
9			
10			
T		432.3	
$\bar{x}$		43.2	

Sertoli Cells: seen

Remarks: tubules convoluted in some areas

No. 6-159 Date 1X/59

Spermatogenic Condition (2) 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		19 - 62.7	
2		15 49.5	
3		14 46.2	
4		13 42.9	
5		17 56.1	
6		17 56.1	
7		14 46.2	
8		16 52.8	
9		19 62.7	
10		17 56.1	
T		531.3	
$\bar{x}$		53.1	

Sertoli Cells: none

Remarks:

No. 6-160 Date 12/59

Spermatogenic Condition = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~21~~ — 69.3	
2		28 92.4	
3		25 82.5	
4		27 89.1	
5		27 89.1	
6		27 89.1	
7		25 82.5	
8		25 82.5	
9		26 85.8	
10		30 99.0	
T		861.3	
$\bar{x}$		86.1	

Sertoli Cells: seen

Remarks:

E = 19.8 μ

No. 6-161 Date 12/5-9

Spermatogenic Condition = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 74.2	
2		21 69.3	
3		20 66.0	
4		25 82.5	
5		26 85.8	
6		25 82.5	
7		22 72.6	
8		19 62.7	
9		23 75.9	
10		22 72.6	
T		749.4	
$\bar{x}$		74.9	

Sertoli Cells: seen

Remarks:

No. 6-163 Date X-/59

Spermatogenic Condition = 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		13 - 42.9	
2		13 42.9	
3		13 42.9	
4		13 42.9	
5		15 49.5	
6		15 49.5	
7		12 39.6	
8		14 46.2	
9		16 52.8	
10		14 46.2	
T		455.4	
$\bar{x}$		45.5	

Sertoli Cells: none

Remarks:

No. 6-165 Date X/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		22 — 72.6	
2		29 95.7	
3		24 79.2	
4		22 72.6	
5		23 75.9	
6		24 79.2	
7		33 108.7	
8		27 89.1	
9		27 89.1	
10		23 72.4	
T		854.7	
$\bar{x}$		85.5	

Sertoli Cells: Poor

Remarks:

No. 6-167 Date XI/59

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		20 - 66.0	
2		20 66.0	
3		21 69.3	
4		23 75.9	
5		21 69.3	
6		30 99.0	
7		22 72.6	
8		26 85.8	
9		17 56.1	
10		20 66.0	
T		786.0	
$\bar{x}$		72.6	

Sertoli Cells: seen

Remarks:

No. 60-168 Date 11/66

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		29 - 95.7	
2		29 95.7	
3		22 72.6	
4		25 82.5	
5		25 82.5	
6		25 82.5	
7		22 72.6	
8		30 99.0	
9		31 102.3	
10		27 89.1	
T		874.5	
$\bar{x}$		87.4	

Sertoli Cells: clear

Remarks:

No. 6-169 Date 11/60

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		61 — 201.3	
2		58 191.4	
3		48 158.4	
4		49 161.7	
5		50 165.0	
6		50 165.0	
7		60 198.0	
8		52 171.6	
9		48 158.4	
10		54 178.2	
T		1749.0	
$\bar{x}$		174.9	

Sertoli Cells: seen

Remarks: practically every cell on slide in division, only a few lumina

No. 6-170 Date 11/60

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		98 - 158.4	15 - 49.5
2		50 165.0	12 39.6
3		46 151.8	20 66.0
4		61 201.3	16 52.8
5		50 164.8	20 66.0
6		53 174.9	18 59.4
7		51 168.3	19 62.7
8		54 178.2	23 75.9
9		45 148.5	18 59.4
10		57 188.1	19 62.7
T		1725.9	594.0
$\bar{x}$		172.6	59.4

Sertoli Cells: none

Remarks:

No. 6-172 Date 11/60

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		30 - 79.0	
2		20 66.0	
3		23 75.9	
4		23 75.9	
5		22 72.6	
6		24 79.2	
7		22 72.6	
8		29 95.7	
9		22 72.6	
10		22 72.6	
T		782.1	
$\bar{x}$		78.2	

Sertoli Cells: deeper

Remarks:

E = 9.9 µ (1)

No. 6-175 Date 11/1/60

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		206 - 217.8	25 - 82.5
2		143 141.9	22 72.6
3		162 204.6	24 79.2
4		162 204.6	29 95.7
5		159 194.7	25 82.5
6		166 217.8	32 105.6
7			
8			
9			
10			
T		1181.4	515.1
$\bar{x}$		196.9	86.4

Sertoli Cells: seen

Remarks: only a few w/ lumens

E = 19.8 μ ①

No. 6-176 Date 11d/60

Spermatogenic Condition = 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17. - 56.1	
2		21 69.3	
3		16 52.8	
4		18 59.4	
5		19 62.7	
6		15 59.4	
7		17 56.1	
8		23 75.9	
9		19 62.7	
10		15 49.5	
T		603.9	
$\bar{x}$		60.4	

Sertoli Cells: good

Remarks:

No. C-177 Date 11/60

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		38 - 125.4	11 - 36.3
2		37 122.1	16 52.8
3		34 112.2	13 42.9
4		44 145.2	17 56.1
5		49 161.7	22 72.6
6		34 112.2	15 49.5
7		35 115.5	10 33.0
8		41 135.3	18 59.4
9		48 158.4	19 62.7
10		49 161.7	16 52.8
T		1349.7	518.1
$\bar{x}$		135.0	51.8

Sertoli Cells: seen

Remarks: degenerate nuclei at lumen edges

No. L-181 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		77. - 254.1	18 - 59.4
2		65 214.5	13 42.9
3		73 240.9	20 66.0
4		77 254.1	10 33.0
5		66 217.8	20 66.0
6		60 198.0	15 49.5
7		76 250.8	11 36.3
8		100 330.0	12 39.6
9		73 240.9	13 42.9
10		81 267.3	24 79.2
T		2468.4	514.8
$\bar{x}$		246.8	51.5

Sertoli Cells: ---

Remarks:

E = 29.7 µ (2)

No. 6-182 Date IV/60

Spermatogenic Condition [illegible] = 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		M. – 36.3	
2		12 39.6	
3		11 36.3	
4		11 36.3	
5		10 33.0	
6		12 39.6	
7		12 39.6	
8		12 39.6	
9		11 36.3	
10		10 33.0	
T		369.6	
$\bar{x}$		37.0	

Sertoli Cells: clear

Remarks:

No. 6-183 Date IV/60

Spermatogenic Condition VIII 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		90 - 300.3	15 - 49.5
2		95 313.5	20 66.0
3		94 310.2	20 66.0
4		74 244.2	25 82.5
5		100 330.0	20 66.0
6			
7			
8			
9			
10			
T		1498.2	330.0
$\bar{x}$		299.6	66.0

Sertoli Cells: Seen

Remarks:

No. 6-184 Date 12/60

Spermatogenic Condition = 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		68 - 224.4	24 - 79.2
2		57 188.1	16 52.8
3		84 277.2	20 66.0
4		57 188.1	18 59.4
5		67 221.1	12 39.6
6		60 198.0	15 49.5
7			
8			
9			
10			
T		1296.9	346.5
$\bar{x}$		216.1	57.8

Sertoli Cells: seen

Remarks:

E-16.5 M

No. 6-185 Date 12/6.0

Spermatogenic Condition [illegible] 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		43 - 141.9	17 - 56.1
2		52 171.6	21 69.3
3		57 188.1	21 69.3
4		50 165.0	27 89.1
5		45 148.5	17 56.1
6		51 168.3	17 56.1
7		69 227.7	21 69.3
8		56 184.8	16 52.8
9		60 198.0	17 56.1
10		65 214.5	22 72.6
T		1808.4	646.8
$\bar{x}$		180.8	64.7

Sertoli Cells: clear

Remarks:

$\bar{E} = 29.7\,\mu$ (1)

No. 0-188 Date 10/60

Spermatogenic Condition = 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44 - 145.2	11 - 36.3
2		52 171.6	12 39.6
3		44 145.2	11 36.3
4		45 148.5	13 42.9
5		43 141.9	10 33.0
6		45 148.5	12 39.6
7		43 141.9	12 39.6
8		55 181.5	9 29.7
9		57 188.1	20 66.0
10		53 174.9	20 66.0
T		1587.3	429.0
$\bar{x}$		158.7	42.9

Sertoli Cells: medium

Remarks:

G = 23 1

(2) (3)

No. 6-192 Date 16/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		89 - 293.7	25 - 82.5
2		73 240.9	13 42.9
3		75 247.5	16 52.8
4		55 181.5	13 42.9
5		65 214.5	13 42.9
6		73 240.9	25 82.5
7		54 178.2	9 29.7
8		61 201.3	17 56.1
9		50 165.0	13 42.9
10		85 280.5	18 59.4
T		2244.2	534.6
$\bar{x}$		224.4	53.5

Sertoli Cells: [illegible]

Remarks:

E = 29.7 μ (4)

No. 6-193 Date 11/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	18 - 59.4
2		54 178.2	10 33.0
3		55 181.5	11 36.3
4		68 224.4	12 39.6
5		64 211.2	16 52.8
6		67 221.1	15 49.5
7		52 171.6	17 56.1
8		78 257.4	25 82.5
9		57 188.1	12 39.6
10		65 214.5	18 59.4
T		2062.5	308.2
$\bar{x}$		206.2	50.8

Sertoli Cells: ~~~

Remarks:

E = 26.4 μ (3)

No. 6-175 Date 11/60

Spermatogenic Condition = 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		91 - 300.3	29 - 95.7
2		88 290.4	18 59.4
3		97 320.1	26 85.8
4		104 343.2	23 75.9
5		90 297.0	28 92.4
6		87 287.1	25 82.5
7		104 343.2	12 39.6
8		76 250.8	20 66.0
9		68 224.4	14 46.2
10		91 300.3	21 69.3
T		2956.8	712.8
$\bar{x}$		295.7	71.3

Sertoli Cells: none

Remarks:

E- 46 yo

No. 60-196 Date 10/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		98. - 323.4	20 - 66.0
2		76 250.5	20 66.0
3		99 326.7	30 99.0
4		90 297.0	16 52.8
5		95 313.5	30 99.0
6		82 270.6	27 89.1
7		95 313.5	30 99.0
8		86 283.8	25 82.5
9		80 264.0	12 39.6
10		88 290.4	20 66.0
T		2933.7	759.0
$\bar{x}$		293.4	75.9

Sertoli Cells: [illegible]

Remarks:

No. 6-198 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		67 - 221.1	16 - 52.8
2		71 234.3	10 33.0
3		69 227.7	13 42.9
4		57 188.1	11 36.3
5		64 211.2	10 33.0
6		69 227.7	10 33.0
7		81 267.3	15 49.5
8		64 211.2	10 33.0
9		65 214.5	15 49.5
10		72 237.6	12 39.6
T		2240.7	402.6
$\bar{x}$		224.1	40.3

Sertoli Cells: none

Remarks:

E = 29.7 μ

No. 6-199 Date 4/60

Spermatogenic Condition [illegible] = 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		612 - 204.6	11 - 36.3
2		71 234.3	12 39.6
3		89 293.7	20 66.0
4		53 174.9	21 69.3
5		59 194.7	18 59.4
6		66 217.8	20 66.0
7		62 204.6	19 62.7
8		72 237.6	14 46.2
9		60 198.0	20 66.0
10		68 224.4	21 69.3
T		2184.6	580.8
$\bar{x}$		218.5	58.1

Sertoli Cells: seen

Remarks:

E = 20.4 µ

No. 6-200 Date 1/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		80 - 264.0	17 - 56.1
2		74 244.2	15 49.5
3		70 231.0	10 33.0
4		85 280.5	15 49.5
5		79 260.7	11 36.3
6		71 234.3	15 49.5
7		88 290.4	15 49.5
8		74 244.2	15 49.5
9		71 234.3	17 56.1
10		71 234.3	19 62.7
T		2517.9	491.7
$\bar{x}$		251.8	49.2

Sertoli Cells: ~~~

Remarks:

E = 49.5 μ (3)

No. 6-602 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		58 – 191.4	14 – 46.2
2		63 207.9	15 49.5
3		68 224.4	18 59.4
4		77 254.1	15 49.5
5		64 211.2	13 42.9
6		65 214.5	15 49.5
7		68 224.4	18 59.4
8		65 214.5	17 56.1
9		77 254.1	19 62.7
10		71 234.3	16 52.8
T		2230.8	528.0
$\bar{x}$		223.1	52.8

Sertoli Cells: none

Remarks:

E = 20.4 u (3)

No. 6-203 Date 1/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		57 - 188.1	11 - 36.3
2		62 204.6	10 33.0
3		49 161.7	14 46.2
4		64 211.2	17 56.1
5		62 204.6	17 56.1
6		70 231.0	10 33.0
7		65 214.5	12 39.6
8		52 171.6	12 39.6
9		69 227.7	10 33.0
10		61 201.3	9 29.7
T		2016.3	402.6
$\bar{x}$		201.6	40.3

Sertoli Cells: seen

Remarks:

E = 35.0μ (3)

No. 60-204 Date 4/60

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: metastasis of liver

E= 76.3 (3)

No. 6-208 Date 4/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1	79 - 260.7	19 - 62.7
2	79 260.7	12 39.6
3	88 290.4	17 56.1
4	87 287.1	20 66.0
5	70 231.0	16 52.8
6	63 207.9	20 66.0
7	70 231.0	17 56.1
8	87 287.1	18 59.4
9	63 207.9	17 56.1
10	78 257.4	17 56.1
T	2521.2	570.9
$\bar{x}$	252.1	57.1

Sertoli Cells: none

Remarks:

E = 59.6 μ (2)

No. 6-209 Date 4/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous (2) tubule diam.	Seminiferous epith. height
1		65 - 214.5	16 - 52.8
2		53 174.9	12 39.6
3		72 237.6	19 62.7
4		52 171.6	15 49.5
5		50 165.0	10 33.0
6		52 171.6	12 39.6
7		58 191.4	18 59.4
8		67 221.1	10 33.0
9		56 184.8	10 33.0
10		50 165.0	10 33.0
T		1897.5	435.6
$\bar{x}$		189.8	43.6

Sertoli Cells: not seen

Remarks:

E = 19.8 μ (3)

No. 60-211 Date V/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		71 - 234.3	16 - 52.8
2		80 264.0	19 62.7
3		71 234.3	17 56.1
4		61 201.3	11 36.3
5		63 207.9	15 49.5
6		58 191.4	13 42.9
7		70 231.0	15 49.5
8		68 224.4	21 69.3
9		68 224.4	15 49.5
10		69 227.7	14 46.2
T		2240.7	519.8
$\bar{x}$		224.1	51.5

Sertoli Cells: Not seen

Remarks:

E = 19.8 μ (3)

No. 10-212 Date 2/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		73 - 240.9	15 - 49.5
2		78 257.4	17 56.1
3		90 297.0	18 59.4
4		69 227.7	16 52.8
5		77 254.1	19 62.7
6		91 300.3	19 62.7
7		81 267.3	16 52.8
8		78 257.4	25 82.5
9		88 290.4	16 52.8
10		81 267.3	16 52.8
T		2659.8	584.1
$\bar{x}$		266.0	58.4

Sertoli Cells: Seen

Remarks:

$\bar{E}$ = 29.7 μ

No. 60-215 Date VI/60

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		74 - 244.2	18 - 59.4
2		76 250.8	22 72.6
3		72 237.6	15 49.5
4		69 227.7	20 66.0
5		57 188.1	25 82.5
6		82 270.6	19 62.7
7		69 227.7	20 66.0
8		71 234.3	18 59.4
9		76 250.8	31 102.3
10		82 270.6	20 66.0
T		2402.4	686.4
$\bar{x}$		240.2	68.6

Sertoli Cells: seen

Remarks:

E = 36.3,4 54

No. 6 - 216 Date 11/60

Spermatogenic Condition 6

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	82 - 270.6	17 - 56.1
2	65 214.5	10 33.0
3	78 257.4	16 52.8
4	61 201.3	15 49.4
5	95 313.5	15 49.5
6	71 234.6	17 56.1
7	71 234.3	15 49.5
8	99 326.7	25 82.5
9	61 201.3	18 59.4
10	84 277.2	19 62.7
T	2534.9	561.0
$\bar{x}$	253.4	56.1

Sertoli Cells: clear

Remarks:

E = 36.5μ (3)

No. 60-217 Date VI/60

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		18 — 59.4	
2		19 62.7	
3		20 66.0	
4		14 46.2	
5		16 52.8	
6		14 46.2	
7		18 59.4	
8		21 69.3	
9		18 59.4	
10		18 59.4	
T		550.8	
$\bar{x}$		55.1	

Sertoli Cells: few

Remarks: quite a few cells dividing

$\bar{c} = 9.9\mu$ (1)

No. 6218 Date 4/60

Spermatogenic Condition (2) D

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		18. — 59.4	
2		17 56.1	
3		21 69.3	
4		20 66.0	
5		15 49.5	
6			
7			
8			
9			
10			
T		300.3	
$\bar{x}$		60.1	

Sertoli Cells: seen

Remarks:

E = 6.64 (1)

No. 6-219 Date 12/60

Spermatogenic Condition (2) = 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		32 - 105.6	14 - 46.2
2		40 132.0	8 26.4
3		57 188.1	13 42.9
4		44 145.2	11 36.3
5		32 105.6	8 26.4
6		44 145.2	14 46.2
7		45 148.5	15 49.5
8		39 128.7	15 49.5
9		44 145.2	13 42.9
10		45 148.5	11 36.3
T		1392.6	402.6
$\bar{x}$		139.3	40.3

Sertoli Cells: seen

Remarks:

No. 6-[redacted]222 Date 4/60

Spermatogenic Condition [redacted] 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15 - 49.5	
2		16 52.8	
3		17 56.1	
4		15 49.5	
5		14 46.2	
6		19 62.7	
7		15 49.5	
8		16 52.8	
9		13 42.9	
10		17 56.1	
T		518.1	
$\bar{x}$		51.8	

Sertoli Cells: Absent

Remarks:

No. 6-223 Date 4/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54. - 194.7	10 - 33.0
2		73 240.9	16 52.8
3		51 168.3	12 39.6
4		65 214.5	16 52.8
5		73 240.9	18 59.4
6		60 198.0	11 36.3
7		73 240.9	16 52.8
8		50 165.0	11 36.3
9		59 194.7	14 46.2
10		51 168.3	10 33.0
T		2026.2	442.2
$\bar{x}$		202.6	44.2

Sertoli Cells: [illegible]

Remarks:

E = 33.0 μ

No. 6-224 Date 11/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		31 — 102.3	9 — 29.7
2		48 158.4	11 36.3
3		36 118.8	6 19.8
4		46 153.4	11 36.3
5		45 148.5	9 29.7
6		45 148.5	10 33.0
7		33 108.9	12 39.6
8		38 125.4	11 36.3
9		49 161.7	16 52.8
10		44 145.2	11 36.3
T		1376.1	349.8
$\bar{x}$		137.6	35.0

Sertoli Cells: Absent

Remarks:

E = 19.8 μ

No. 60-225 Date 11/60

Spermatogenic Condition 8?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		18 - 59.4	
2		16 52.8	
3		16 52.8	
4		17 56.1	
5		14 46.2	
6		14 46.2	
7		19 62.7	
8		17 56.1	
9		19 62.7	
10		16 52.8	
T		547.8	
$\bar{x}$		54.8	

Sertoli Cells: seen

Remarks:

No. 6-228 Date VII/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		37 - 122.1	9 - 29.7
2		40 132.0	7 23.1
3		44 145.2	10 33.0
4		39 128.7	10 33.0
5		36 118.8	5 16.5
6		50 165.0	13 42.9
7		39 128.7	10 33.0
8		~~36~~ 34 112.2	14 46.2
9		42 138.6	15 49.5
10		37 122.1	12 39.6
T		1315.4	346.5
$\bar{x}$		131.3	34.6

Sertoli Cells: none

Remarks: few cells, little debris of sperm or lumen, some cell division

$\bar{x}$ = 33.0 μ (2)

No. 6-251 Date VII/60

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		15 - 49.5	
2		15 49.5	
3		15 49.5	
4		16 52.8	
5		14 46.2	
6		14 46.2	
7		15 49.5	
8		19 62.7	
9		17 56.1	
10		15 49.5	
T		5-11.5	
$\bar{x}$		5-1.2	

Sertoli Cells: seen

Remarks:

No. 6-233 Date VII/60

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		10 - 52.8	
2		16 52.8	
3		16 52.8	
4		18 59.4	
5		17 56.1	
6		15 49.5	
7		15 49.5	
8		16 52.8	
9		16 52.8	
10		18 59.4	
T		537.9	
$\bar{x}$		53.8	

Sertoli Cells: Clear

Remarks:

No. 10-236 Date VIII/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		23 - 75.9	
2		17 56.1	
3		18 59.4	
4		18 59.4	
5		15 - 49.5 -	
6		17 56.1	
7		17 56.1	
8		17 56.1	
9		22 72.6	
10		16 52.8	
T		594.0	
$\bar{x}$		59.4	

Sertoli Cells: Absent

Remarks:

No. 6-237 Date 11/1/60

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		10 - 52.8	
2		17 56.1	
3		11 36.3	
4		14 46.2	
5		17 56.1	
6		18 59.4	
7		16 52.8	
8		18 59.4	
9		20 66.0	
10		16 52.8	
T		537.9	
$\bar{x}$		53.8	

Sertoli Cells: seen

Remarks:

No. 6-239 Date VIII/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 — 56.1	
2		19 62.7	
3		20 66.0	
4		18 59.4	
5		21 69.3	
6		15 49.5	
7		17 56.1	
8		16 52.8	
9		16 52.8	
10		19 62.7	
T		587.4	
$\bar{x}$		58.7	

Sertoli Cells: ~~none~~

Remarks:

E = 19.8 μ

No. 6-240 Date 11/11/60

Spermatogenic Condition 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		12 - 39.6	
2		12 39.6	
3		13 42.9	
4		13 42.9	
5		12 39.6	
6		12 39.6	
7		12 39.6	
8		11 36.3	
9		11 36.3	
10		13 42.9	
T		399.3	
$\bar{x}$		39.9	

Sertoli Cells: seen

Remarks:

No. 6-241 Date VIII/60

Spermatogenic Condition 3 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	10 - 33.0
2		69 227.7	15 49.5
3		62 204.6	14 46.2
4		84 277.2	15 49.5
5		75 247.5	16 52.8
6		73 240.9	11 36.3
7		73 240.9	7 23.1
8		59 194.7	15 49.5
9		73 240.9	20 66.0
10		72 237.6	9 29.7
T		2326.5	435.6
$\bar{x}$		232.6	43.6

Sertoli Cells: ~~none~~

Remarks: little debris

E= 29.7 μ (3)

No. 6-247 Date 8/11/60

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		41 - 135.3	5 - 16.5
2		45 148.5	10 33.0
3		46 151.8	7 23.1
4		47 161.7	6 19.8
5		45 148.5	11 36.3
6		46 151.8	14 46.2
7		49 161.7	12 39.6
8		46 151.8	13 42.9
9		47 155.1	10 33.0
10		46 148.8	8 26.4
T		1504.2	316.8
$\bar{x}$		150.4	31.7

Sertoli Cells: a few

Remarks: intercellular spaces

E = 36.3μ (2)

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		1 M. – 56.1	
2		18 57.4	
3		16 52.8	
4		15 57.4	
5		17 56.1	
6		17 56.1	
7		22 72.6	
8		19 62.7	
9		16 52.8	
10		16 52.8	
T		580.8	
$\bar{x}$		58.1	

Sertoli Cells: _____

Remarks: _____

E – 16 F

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		[illegible] - 52.8	
2		52.1	
3		46.2	
4		49.5	
5		42.9	
6		49.5	
7		52.8	
8		49.5	
9		52.1	
10		49.5	
T		504.9	
$\bar{x}$		50.5	

Sertoli Cells: _____

Remarks: _____

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		115.5	
2		92.4	
3		57.5	
4		99.0	
5		59.4	
6		56.1	
7		118.8	
8			
9			
10			
T		623.7	
$\bar{x}$		89.1	

Sertoli Cells: _____

Remarks: _____

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		72.6	
2		79.2	
3		75.9	
4		66.0	
5		82.5	
6		99.0	
7		102.3	
8		82.5	
9		89.1	
10		99.0	
T		848.1	
$\bar{x}$		84.8	

Sertoli Cells: _____

Remarks: _____

No. [illegible] Date 7/11/20

Spermatogenic Condition 3

Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1	27 - 89.1	
2	22 72.6	
3	20 66.0	
4	26 85.8	
5	26 85.8	
6	20 66.0	
7	26 85.8	
8	23 75.9	
9	16 52.8	
10	33 108.9	
T	788.7	
$\bar{x}$	78.9	

Sertoli Cells: [illegible]

Remarks:

[illegible]

No. 0-269 Date VIII/40

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: spg tests

E = 6.6 μ (1)

No. 6-270 Date 12/26

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		26 - 85.8	
2		25 82.5	
3		17 56.1	
4			
5			
6			
7			
8			
9			
10			
T		224.4	
$\bar{x}$		74.8	

Sertoli Cells: none

Remarks: very small piece of testis

$\bar{E}$ = 19.8 μ

(1)

No. 6-271 Date 1X/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		20 - 66.0	
2		21 69.3	
3		27 89.1	
4		20 66.0	
5		17 56.1	
6		18 59.4	
7		22 72.6	
8		20 66.0	
9		20 66.0	
10		19 62.7	
T		673.2	
$\bar{x}$		67.3	

Sertoli Cells: seen

Remarks:

E = 26.4 µ (1)

No. W - 275 Date IX/60

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		25 - 82.5	
1		30 99.0	
2		30 99.0	
3		28 92.4	
4		30 99.0	
5		28 92.4	
6		30 99.0	
7		22 72.6	
8		22 72.6	
9		31 102.3	
10			
T		910.8	
$\bar{x}$		91.1	

Sertoli Cells: seen

Remarks:

E = 16.5 μ (1)

No. 6-283 Date IX/60

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: gland rather than testis

E = 13.2 μ (1)

No. 6-285 Date 12/60

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		19 - 62.7	
2		18 59.4	
3		20 66.0	
4		20 66.0	
5		20 66.0	
6		22 72.6	
7		23 75.9	
8		20 66.0	
9		23 75.9	
10		23 75.9	
T		680.4	
$\bar{x}$		68.6	

Sertoli Cells: seen

Remarks:

No. 6-286 Date 12/60

Spermatogenic Condition of testis: S?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		21. - 69.3	
2		19 62.1	
3		19 62.7	
4		20 66.0	
5		16 52.8	
6		20 66.0	
7			
8			
9			
10			
T		319.5	
$\bar{x}$		53.2	

Sertoli Cells: seen

Remarks: large amount of interstitial connective tissue

E = 26.4 μ (1)

No. 60-288 Date 1X/60

Spermatogenic Condition [illegible] 0

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		19. - 62.7	
2		18 59.4	
3		19 62.7	
4		17 56.1	
5		16 52.8	
6		20 66.0	
7		20 66.0	
8		17 56.1	
9		22 72.6	
10		23 75.9	
T		630.3	
$\bar{x}$		63.0	

Sertoli Cells: seen

Remarks:

No. 6 - 296 Date X/60

Spermatogenic Condition [illegible] 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		~~145~~ 148.5	
2		50 165.0	
3		31 102.3	
4		31 102.3	
5		31 102.3	
6		35 115.5	
7		49 161.7	
8		42 138.6	
9		50 165.0	
10		41 135.3	
T		1356.5	
$\bar{x}$		133.6	

Sertoli Cells: seen

Remarks:

No. W-297 Date X/60

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 178.2	
2		67 221.1	
3		73 240.9	
4		58 191.4	
5		50 165.0	
6		45 - 148.5 -	
7		53 174.9	
8		75 - 247.5 -	
9		67 221.1	
10		58 191.4	
T		1980.0	
$\bar{x}$		198.0	

Sertoli Cells: seen

Remarks: some w/ lumen

No. 60-299 Date 12/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		45 148.5	
2		45 148.5	
3		42 138.6	
4		39 128.7	
5		45 148.5	
6		42 138.6	
7		51 168.3	
8		44 145.2	
9		34 112.2	
10		41 135.3	
T		1412.4	
$\bar{x}$		141.2	

Sertoli Cells: seen

Remarks:

E = 19.8 μ

No. 6-350 Date 10/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		37 - 122.1	
2		53 174.9	
3		50 165.0	
4		37 122.1	
5		43 141.9	
6		52 171.6	
7		48 158.4	
8		46 151.8	
9		49 161.7	
10		48 158.4	
T		1527.9	
$\bar{x}$		152.8	

Sertoli Cells: none

Remarks:

$\bar{E}$ = 19.8 μ (1)

No. 6-302 Date 11/6/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		147 - 155.1	
2		62 204.6	
3		49 161.7	
4		58 191.4	
5		48 158.4	
6		40 132.0	
7		60 198.0	
8		41 135.3	
9		52 171.6	
10		51 168.3	
T		1676.4	
$\bar{x}$		167.6	

Sertoli Cells: none

Remarks:

E = 13.2 M

No. 6-304 Date 11/1/61

Spermatogenic Condition 9

Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1	56 - 184.8	
2	73 240.9	
3	50 165.0	
4	42 138.6	
5	39 128.7	
6	43 141.9	
7	45 148.5	
8	45 148.5	
9	49 161.7	
10	51 168.3	
T	1626.9	
$\bar{x}$	162.7	

Sertoli Cells: none

Remarks:

$\bar{E}$ = 19.8 μ (1)

No. C-305 Date 11/1/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		36 - 118.8	
2		36 118.8	
3		36 118.8	
4		38 125.4	
5		46 151.8	
6		39 128.7	
7		25 82.5	
8		30 99.0	
9		43 141.9	
10		35 115.5	
T		1201.2	
$\bar{x}$		120.1	

Sertoli Cells: none

Remarks: very few centrally located nuclei

E = 16.5 μ (1)

No. 6-3060 Date 11/1/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		41 - 135.3	
2		45 148.5	
3		37 122.1	
4		39 128.7	
5		37 122.1	
6		40 132.0	
7		40 132.0	
8		34 112.2	
9		35 115.5	
10		39 128.7	
T		1277.1	
$\bar{x}$		127.7	

Sertoli Cells: seen

Remarks:

$\bar{E}$ = 13.2 μ (1)

No. 6-307 Date 11/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		70 - 231.0	30 - 79.0
2		75 247.5	22 72.6
3		61 201.3	26 85.8
4		87 287.1	21 69.3
5		80 264.0	17 56.1
6		57 188.1	20 66.0
7		53 174.9	21 69.3
8		60 198.0	21 69.3
9		82 270.6	22 72.6
10		68 224.4	24 79.2
T		2296.9	739.2
$\bar{x}$		228.1	73.9

Sertoli Cells: Clear

Remarks:

No. 6-308 Date 11/6/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		60 - 198.0	
2		44 145.2	
3		37 122.1	
4		51 168.3	
5		42 138.6	
6		35 115.5	
7		45 148.5	
8		42 138.6	
9		59 194.7	
10		37 122.1	
T		1491.6	
$\bar{x}$		149.2	

Sertoli Cells: seen

Remarks: spermatids beginning metamorphosis but still a lumen

No. 0-310 Date 11/1/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		56 - 184.8	15 - 49.5
2		49 161.7	13 42.9
3		37 122.1	15 49.5
4		54 178.2	15 49.5
5		54 178.2	22 72.6
6		70 231.0	19 62.7
7		57 188.1	18 59.4
8		52 171.6	18 59.4
9		45 148.5	17 56.1
10		55 181.5	13 42.9
T		1745.7	544.5
$\bar{x}$		174.6	54.4

Sertoli Cells: none

Remarks:

E = 16.5 μ (1)

No. 60-312 Date 11/1/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		39 - 120.7	15 - 49.5
2		47 155.1	21 69.3
3		36 118.8	10 33.0
4		41 135.3	10 33.0
5		45 148.5	15 49.5
6		48 158.4	16 52.8
7		41 135.3	13 42.9
8		48 158.4	14 46.2
9		41 135.3	14 46.2
10		40 132.0	11 36.3
T		1405.8	458.7
$\bar{x}$		140.6	45.9

Sertoli Cells: none

Remarks:

F=19.8 µ (1)

No. 6-313 Date 10/6/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		182 - 204.6	21 - 69.3
2		57 168.3	13 42.9
3			
4			
5			
6			
7			
8			
9			
10			
T		372.9	112.2
$\bar{x}$		180.4	56.1

Sertoli Cells: not seen

Remarks: tubule structure disintegrating

E = 23 µ

(5) (1)

No. 6-315 Date 14/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		75. 247.5	20 - 66.0
2		66 219.8	17 56.1
3		73 240.9	19 62.7
4		62 204.6	17 56.1
5		74 244.2	15 49.5
6			
7			
8			
9			
10			
T		1155.0	290.4
$\bar{x}$		231.0	58.1

Sertoli Cells: Rare

Remarks:

F=93.0 M (1)

No. 61-316 Date 11/9/61

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 — 211.2	18 — 59.4
2		74 244.2	16 52.8
3		64 211.2	19 62.7
4		63 207.9	19 62.7
5		66 217.8	21 69.3
6		71 234.3	23 75.9
7		61 201.3	20 66.0
8		75 — 247.5	22 — 72.6
9		68 224.4	15 — 49.5
10		56 184.8	20 66.0
T		2154.6	630.9
$\bar{x}$		215.5	63.7

Sertoli Cells: seen

Remarks:

E = 19.8 μ (2)

No. 6-317 Date 10/6/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		65 - 214.5	24 - 79.2
2		51 168.3	18 59.4
3		66 217.8	20 66.0
4		65 214.5	20 66.0
5		54 178.2	15 49.5
6		53 174.9	15 49.5
7		66 217.8	20 66.0
8		53 174.9	23 75.9
9		51 168.3	20 66.0
10		85 148.5	12 39.6
T		1877.7	617.1
$\bar{x}$		187.8	61.7

Sertoli Cells: seen

Remarks: peripheral tubules still w/ a lumen

$\varepsilon = 16.5\,\mu$

(1)

No. G - 319 Date 11/6/61

Spermatogenic Condition (2) G

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		(60) - 198.0	21 - 69.3
2		58 191.4	15 49.5
3		61 201.3	20 66.0
4		69 227.7	20 66.0
5		72 237.6	21 69.3
6		72 237.6	15 49.5
7		57 188.1	14 46.2
8		69 227.7	20 66.0
9		73 240.9	15 49.5
10		67 221.1	17 56.1
T		2171.4	582.4
$\bar{x}$		217.1	58.2

Sertoli Cells: ~~none~~

Remarks:

G = 231 μ (2)

No. 61-320 Date 11c/61

Spermatogenic Condition 6?

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		64 - 211.2	20 - 66.0
2		60 198.0	19 62.7
3		58 191.4	16 52.8
4		75 247.5	15 49.5
5		67 221.1	26 85.8
6		50 264.0	15 49.5
7		67 221.1	16 52.8
8		56 184.8	10 33.0
9		78 257.4	20 66.0
10		64 211.2	18 59.4
T		2207.7	577.5
$\bar{x}$		220.8	57.8

Sertoli Cells: none

Remarks:

E = 16.5 μ

No. 6-321 Date 12/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		45 - 148.5	11 - 36.3
2		57 185.1	11 36.3
3		52 171.6	11 36.3
4		50 165.0	15 49.5
5		48 158.4	19 62.7
6		53 174.9	15 49.5
7		52 171.6	17 56.1
8		51 168.3	10 33.0
9		47 155.1	13 42.9
10		59 194.7	14 46.2
T		1696.2	448.8
$\bar{x}$		169.6	44.9

Sertoli Cells: glassy

Remarks:

E = 9.9 μ (1)

No. 6-323 Date 11/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		74 - 244.2	17 - 56.1
2		79 260.7	15 49.5
3		62 204.6	15 49.5
4		56 184.8	10 33.0
5		63 207.9	13 42.9
6		71 234.3	21 69.3
7		65 214.5	15 49.5
8		80 264.0	26 85.8
9		61 201.3	13 42.9
10		63 207.9	15 49.5
T		2224.2	528.0
$\bar{x}$		222.4	52.8

Sertoli Cells: ovum

Remarks: uterus fund

E = 26.4 μ

No. 6-338 Date 10/61

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		66 - 217.8	25 - 82.5
2		70 231.0	22 72.6
3		62 204.6	17 56.1
4		59 194.7	22 72.6
5		68 224.4	21 69.3
6		64 211.2	17 56.1
7		57 188.1	17 56.1
8		65 214.5	21 69.3
9		59 194.7	21 69.3
10		62 204.6	20 66.0
T		2085.6	669.9
$\bar{x}$		208.6	67.0

Sertoli Cells: none

Remarks:

E = 33.0 μ (1)

No. E-339 Date 11/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		37 - 122.1	11 - 36.3
2		44 145.2	14 46.2
3		41 135.3	10 33.0
4		46 151.8	13 42.9
5		35 115.5	12 39.6
6		36 118.8	12 39.6
7		50 165.0	10 33.0
8		38 125.4	11 36.3
9		32 105.6	12 39.6
10		46 151.8	14 46.2
T		1330.5	392.7
$\bar{x}$		133.0	39.3

Sertoli Cells: more seen

Remarks:

E=13.2 μ (1)

No. 6-340 Date 6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		72 - 237.6	12 - 39.6
2		85 280.5	17 56.1
3		62 204.6	13 42.9
4		63 207.9	15 49.5
5		55 181.5	20 66.0
6		81 267.3	17 56.1
7		81 267.3	20 66.0
8		80 264.0	20 66.0
9		94 310.2	22 72.6
10		89 293.7	25 82.5
T		2514.6	597.3
$\bar{x}$		251.5	59.7

Sertoli Cells: none seen

Remarks:

No. 6-341 Date 4/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		73 - 240.9	7 - 23.1
2		78 257.4	9 29.7
3		71 234.3	7 23.1
4		68 224.4	9 29.7
5		65 214.5	12 39.6
6		61 201.3	12 39.6
7		66 217.8	12 39.6
8		72 237.6	10 33.0
9		63 207.9	12 39.6
10		67 221.1	11 36.3
T		2257.2	335.3
$\bar{x}$		225.7	33.3

Sertoli Cells: none

Remarks:

$\bar{E}$ = 26.4 μ

No. 6-342 Date V/61

Spermatogenic Condition (2) 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		69. - 201.3	20 - 66.0
2		70 231.0	15 49.5
3		77 254.1	20 66.0
4		75 247.5	21 69.3
5		67 221.1	23 75.9
6		67 221.1	13 42.9
7		65 214.5	20 66.0
8		65 214.5	18 59.4
9		66 217.8	22 72.6
10		79 260.7	26 85.8
T		2258.6	655.4
$\bar{x}$		225.4	65.3

Sertoli Cells: none seen

Remarks: two in per cent. - cells & tubule boundaries evaluated

M = 16.5 μ (3)

No. E-343 Date 11/61

Spermatogenic Condition [illegible] 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		98 - 323.4	17 - 56.1
2		58 191.4	14 46.2
3		64 211.2	13 42.9
4		74 244.2	10 33.0
5		56 184.8	12 39.6
6		70 231.0	16 52.8
7		67 221.1	19 62.7
8		74 244.2	16 52.8
9		80 264.0	20 66.0
10		68 224.4	11 36.3
T		2339.7	488.4
$\bar{x}$		234.0	48.8

Sertoli Cells: more clear

Remarks: stain light

E = 39.6 μ

No. 60-345 Date 12/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		63 - 207.9	10 - 33.0
2		57 188.1	16 52.8
3		56 184.8	10 33.0
4		63 207.9	14 46.2
5		72 237.6	15 49.5
6		69 227.7	10 33.0
7		62 204.6	17 56.1
8		58 191.4	13 42.9
9		65 214.5	15 49.5
10		60 198.0	15 49.5
T		2062.5	445.5
$\bar{x}$		206.2	44.6

Sertoli Cells: None

Remarks:

E = 53.0 μ

No. [illegible] Date [illegible] c

Spermatogenic Condition [illegible] b

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		68 - 207.9	12 - 39.4
2		56 184.8	14 46.2
3		68 224.4	20 66.0
4		78 257.4	18 59.4
5		49 161.7	11 36.3
6		61 201.3	15 49.5
7		77 254.1	13 42.9
8		64 211.2	14 46.2
9		60 198.0	6 19.8
10		61 201.3	16 52.8
T		2102.1	458.7
$\bar{x}$		210.2	45.9

Sertoli Cells: [illegible]

Rearks:

[illegible] = 93.0 μ (9)

No. 6 - 35 Date 12/16/

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		175 - 191.4	16 - 52.8
2		43 207.7	10 33.0
3		79 260.7	11 36.3
4		73 240.9	16 52.8
5			
6			
7			
8			
9			
10			
T		900.9	174.9
$\bar{x}$		225.2	43.7

Sertoli Cells: none seen

Remarks: traces in pos condition

E = 29.7µ

No. 60-32 Date 6/6/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		78 - 257.4	20 - 66.0
2		85 - 280.5	15 - 49.5
3		89 293.7	14 46.2
4		86 283.8	18 59.4
5		71 234.3	22 72.6
6		78 257.4	19 62.7
7		90 297.0	21 69.3
8		78 257.4	16 52.8
9		93 306.9	16 52.8
10		70 231.0	14 46.2
T		2699.4	577.5
$\bar{x}$		249.9	57.8

Sertoli Cells: Seen

Remarks:

Ec 429 μ

No. [illegible] Date 4/60

Spermatogenic Condition [illegible] b

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		77 - 254.1	13 - 42.9
2		86 283.8	20 66.0
3		78 257.4	24 79.2
4		84 277.2	20 66.0
5		74 244.2	18 59.4
6		89 293.7	19 62.7
7		77 254.1	15 49.5
8		72 237.6	15 49.5
9			
10			
T		2102.1	475.2
$\bar{x}$		262.7	59.4

Sertoli Cells: [illegible]

Remarks:

E - 96.3 µ

No. _____ Date _____

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		[illegible] - 333.3	14 - 46.2
2		336.6	66.0
3		336.4	56.1
4		297.0	39.4
5			
6			
7			
8			
9			
10			
T		1303.5	207.9
$\bar{x}$		325.8	52.0

Sertoli Cells: _____

Remarks: _____

No. [illegible] Date [illegible]

Spermatogenic Condition [illegible]

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		20 - 231.0	10 - 33.0
2		61 201.3	15 49.5
3		84 277.2	16 52.8
4		95 250.5	22 60.0
5		61 224.4	21 69.3
6		56 184.8	12 39.6
7		60 198.0	16 52.8
8		62 204.6	11 36.3
9		73 240.9	16 52.8
10		78 257.4	29 95.7
T		2300.1	547.8
$\bar{x}$		230.0	54.8

Sertoli Cells: [illegible]

Remarks: [illegible]

E = 13 & 14

No. 6-361 Date 01/01

Spermatogenic Condition 3

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		34 - 128.7	17 - 56.1
2		31 102.3	13 42.9
3		27 89.1	10 33.0
4		32 105.6	14 46.2
5		36 118.8	13 42.9
6		37 122.1	—
7		31 102.3	—
8		44 101.7	16 52.8
9		34 112.2	—
10		37 122.1	13 42.9
T		1164.9	316.8
$\bar{x}$		116.5	45.2

Sertoli Cells: good

Remarks: good w/ lumen good w/ L.

No. 6-363 Date VIII/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		85 - 250.5	20 - 66.0
2		82 270.6	20 66.0
3		60 198.0	14 46.2
4		84 277.2	19 62.7
5		67 221.1	11 36.3
6		81 267.3	14 46.2
7			
8			
9			
10			
T		1514.7	323.4
$\bar{x}$		252.4	53.9

Sertoli Cells: normal appearance

Remarks: good testis

E = 16.5 μ

No. 6-364 Date VII/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		80 - 264.0	8 - 26.4
2		63 207.9	10 33.0
3		70 231.0	15 49.5
4		75 247.5	13 42.9
5		53 174.9	14 46.2
6		71 234.3	14 46.2
7		74 244.2	13 42.9
8		58 191.4	15 49.5
9		63 207.9	9 29.7
10		76 250.8	15 49.5
T		2253.9	415.8
$\bar{x}$		225.4	41.6

Sertoli Cells: 2

Remarks:

P-33.0µ (3)

No. 6-365 Date VII / 61

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		17 - 56.1	
2		18 59.4	
3		14 46.2	
4		14 46.2	
5		15 49.5	
6		13 42.9	
7		16 52.8	
8		18 59.4	
9		12 39.6	
10		13 42.9	
T		495.0	
$\bar{x}$		49.5	

Sertoli Cells: none

Remarks:

No. 6-373 Date VII/61

Spermatogenic Condition O

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		10 - 52.8	
2		15 49.5	
3		18 59.4	
4		14 46.2	
5		14 46.2	
6		13 42.9	
7		20 66.0	
8		16 52.8	
9		16 52.8	
10		15 49.5	
T		518.1	
$\bar{x}$		51.8	

Sertoli Cells: none

Remarks:

No. x 314 Date 11/1/61

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	10 - 33.0
2		42 138.6	5 16.5
3		61 201.3	8 26.4
4		56 184.8	11 36.3
5		75 247.5	8 26.4
6		44 145.5	8 26.4
7			
8			
9			
10			
T		1105.5	165.0
$\bar{x}$		154.2	27.5

Sertoli Cells: Adem

Remarks:

E= 20 Lu

No. 6-715 Date VIII/61

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: _____

K-1954 (1)

No. 6-377 Date 4/11/61

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		5[illegible] - 165.0	8 - 26.4
2		46 151.8	8 26.4
3		58 191.4	11 36.3
4		53 174.9	11 36.3
5		56 184.8	14 46.2
6		49 161.7	11 36.3
7		46 151.8	12 39.6
8		38 125.4	7 23.1
9		33 [illegible]61.5	7 23.1
10		46 151.8	16 52.8
T		1640.1	359.7
$\bar{x}$		164.0	36.0

Sertoli Cells: [illegible]

Remarks: few spermatozoa being produced but no lobules with [illegible]

E = 33.0 μ

No. 6-375 Date VIII/61

Spermatogenic Condition 1

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		154.4	49.5
2		168.3	49.5
3		184.8	49.5
4		171.6	16.5
5		151.8	33.0
6		125.4	33.0
7		115.5	23.1
8		165.0	40.9
9		135.3	49.5
10		168.3	46.2
T		1544.4	392.7
$\bar{x}$		154.4	39.3

Sertoli Cells: none

Remarks: central tubules showing germ cells but not completed

E= 20.4 μ

No. 6-3.79 Date 2 Dec 61

Spermatogenic Condition

	Interstitial Cell nuclear diam. μ.	Seminiferous tubule diam. μ.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks: tissue looks like a central developing follicle, some tubule-like structures connecting externally of Sertoli cells

E = 9.9 μ

No. 6-385 Date IX/61

Spermatogenic Condition 7f

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells:

Remarks:

No. 6-380 Date 1X/61

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 69.3	
2		20 66.0	
3		22 72.6	
4		23 75.9	
5		25 82.5	
6		20 66.0	
7		21 69.3	
8		29 95.7	
9		21 69.3	
10		18 59.4	
T		726.0	
$\bar{x}$		72.6	

Sertoli Cells: Qual

Remarks:

E = 19 X

(1)

No. 6-388 Date 12/61

Spermatogenic Condition = 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		29 - 95.7	
2		24 79.2	
3		25 82.5	
4		20 66.0	
5		22 72.6	
6		20 66.0	
7		25 82.5	
8		21 69.3	
9		22 72.6	
10		22 72.6	
T		759.0	
$\bar{x}$		75.9	

Sertoli Cells: seen

Remarks:

E = 19.8 μ

(1)

No. 60-391 Date IX/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		25 - 32.5	
2		27 89.1	
3		19 62.7	
4		25 82.5	
5		27 89.1	
6		26 85.8	
7		30 99.0	
8		26 85.8	
9		29 95.7	
10		19 62.7	
T		834.9	
$\bar{x}$		83.5	

Sertoli Cells: about

Remarks:

E- 198 µ (5) (1)

No. 6-394 Date 18/61

Spermatogenic Condition

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		24 - 79.2	
2		22 72.6	
3		23 75.9	
4		25 82.5	
5		27 89.1	
6		25 82.5	
7		18 59.4	
8		20 66.0	
9		27 89.1	
10		28 92.4	
T		788.7	
$\bar{x}$		78.9	

Sertoli Cells: none

Remarks:

E = 16.5 μ

No. 6-399 Date X/61

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		20 - 66.0	
2		22 72.6	
3		18 59.4	
4		23 75.9	
5		23 75.9	
6		20 66.0	
7		20 66.0	
8		20 66.0	
9		24 79.2	
10		23 75.9	
T		702.9	
$\bar{x}$		70.3	

Sertoli Cells: none

Remarks:

E = 9.9 μ (1)

No. B-101 Date X/6/1

Spermatogenic Condition 9

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		34 - 112.2	
2		33 105.9	
3		31 102.3	
4		23 75.9	
5		28 92.4	
6		22 72.6	
7		36 118.8	
8		33 108.9	
9		37 122.1	
10		38 125.4	
T		1039.5	
$\bar{x}$		104.0	

Sertoli Cells: round

Remarks:

E = 19.8 μ (1)

No. 6-405 Date X/61

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		27 - 89.1	
2		25 82.5	
3		23 75.9	
4		18 59.4	
5		25 82.5	
6		28 92.4	
7		21 69.3	
8		20 66.0	
9		31 102.3	
10		27 89.1	
T		808.2	
$\bar{x}$		80.8	

Sertoli Cells: Olen

Remarks:

E = 9.9 μ (1)

No. 6-409 Date 11/1/62

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: not testis

No. 6-411 Date 11/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		47 - 155.1	10 - 33.0
2		37 122.1	8 26.4
3		56 184.8	13 42.9
4		48 158.4	13 42.9
5		40 132.0	9 29.7
6		60 198.0	11 36.3
7		43 141.9	11 36.3
8		35 115.5	13 42.9
9		43 141.9	12 39.6
10		40 132.0	8 26.4
T		1481.7	356.4
$\bar{x}$		148.2	35.6

Sertoli Cells: seen

Remarks:

E = 19.8 μ (1)

No. 6-412 Date 11/1/62

Spermatogenic Condition 5

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		68 - 224.4	14 - 46.2
2		87 287.1	20 66.0
3		69 227.7	12 39.6
4			
5			
6			
7			
8			
9			
10			
T		739.2	151.8
$\bar{x}$		246.4	50.6

Sertoli Cells: more seen

Remarks: Testes in post condition

$\bar{E} = 19.8\,\mu$ (5) (1)

No. 6-414 Date V/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: some seen

Remarks: very small piece of testis

E = 330 μ

No. 6-415 Date IV/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		85 - 250.5	16 - 52.8
2		64 211.2	14 46.2
3		64 211.2	11 36.3
4		58 191.4	15 49.5
5		97 320.1	16 52.8
6		100 330.0	20 66.0
7			
8			
9			
10			
T		1594.4	303.6
$\bar{x}$		257.4	50.6

Sertoli Cells: not seen

Remarks: testis Tan

E = 26.4 μ (4)

No. 6-417 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		48 - 158.4	15 - 49.5
2		45 148.5	12 39.6
3		56 184.8	12 39.6
4		70 231.0	13 42.9
5		62 204.6	14 46.2
6		46 151.8	12 39.6
7		48 158.4	10 33.0
8		58 191.4	7 23.1
9		58 191.4	14 46.2
10		47 155.1	10 33.0
T		1775.4	392.7
$\bar{x}$		177.5	39.3

Sertoli Cells: none seen

Remarks:

No. 6-418 Date Vd 62

Spermatogenic Condition of testis: 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		195 - 313.5	21 - 69.3
2		110 363.0	14 46.2
3		71 234.3	15 49.5
4		84 277.2	16 52.8
5		69 227.7	15 49.5
6		74 244.2	12 39.6
7		89 293.7	14 46.2
8			
9			
10			
T		1955.6	323.1
$\bar{x}$		279.0	~~50.4~~ 46.2

Sertoli Cells: none seen

Remarks:

E = 251 (2)

No. 6-419 Date V/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		80. - 283.8	27 - 89.1
2		73 240.9	18 59.4
3		76 250.8	22 72.6
4		76 250.8	16 52.8
5		78 257.4	21 69.3
6			
7			
8			
9			
10			
T		1283.7	343.2
$\bar{x}$		256.7	68.6

Sertoli Cells: none seen

Remarks: tissue in poor condition

E = 23 µ

No. 6-420 Date 6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: none seen

Remarks: tissue shrinkage

$\bar{x}$ = 33.0 μ

No. 10-421 Date 4/62

Spermatogenic Condition 10

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 168.3	10 - 33.0
2		52 171.6	10 33.0
3		53 174.9	9 29.7
4		53 174.9	8 26.4
5		58 191.4	15 49.5
6		65 214.5	10 33.0
7		55 181.5	10 33.0
8		50 165.0	15 49.5
9		50 165.0	7 23.1
10		54 178.2	13 42.9
T		1785.3	353.1
$\bar{x}$		178.5	35.3

Sertoli Cells: seen

Remarks:

E = 198 μ

No. 6-423 Date 4/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		57 - 194.7	13 - 42.9
2		71 234.3	12 39.6
3		77 254.1	11 36.3
4		61 201.3	17 56.1
5		68 224.4	11 36.3
6		75 247.5	16 52.8
7		54 178.2	10 33.0
8		63 207.9	12 39.6
9		76 250.8	7 23.1
10		61 201.3	17 56.1
T		2547.6	415.8
$\bar{x}$		254.8	41.6

Sertoli Cells: seen

Remarks:

No. 6-1124 Date 6/6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		3 - 174.9	11 - 36.3
2		5 - 181.5	10 - 33.0
3		6 - 184.8	9 - 24.7
4			
5			
6			
7			
8			
9			
10			
T		541.2	99.0
$\bar{x}$		180.4	33.0

Sertoli Cells: seen

Remarks: Immature testis

No. 6-427 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		96 - 316.8	15 - 49.5
2		83 273.9	18 59.4
3		78 257.4	25 82.5
4		80 264.0	22 72.6
5		80 264.0	17 56.1
6			
7			
8			
9			
10			
T		1376.1	320.1
$\bar{x}$		275.2	64.0

Sertoli Cells: none seen

Remarks: tissue partially shattered

E= 33.0μ (4)

No. 6-428 Date VI/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		72 - 237.6	17 - 56.1
2		73 240.9	9 29.7
3		73 240.9	12 39.6
4		72 237.6	15 49.5
5			
6			
7			
8			
9			
10			
T		957.0	174.9
$\bar{x}$		239.2	43.7

Sertoli Cells: none

Remarks:

E = 42.9 μ (3)

No. 62-431 Date 11/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		58 - 191.4	15 - 49.5
2		58 191.4	10 33.0
3		54 178.2	14 46.2
4		70 231.0	17 56.1
5		58 191.4	9 29.7
6		60 198.0	20 66.0
7		55 181.5	12 39.6
8		58 191.4	7 23.1
9			
10			
T		1534.8	343.2
$\bar{x}$		194.2	42.9

Sertoli Cells: Nuclei

Remarks:

E = 19.8 μ (4)

No. 6-432 Date VI/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		53 - 174.9	16 - 52.8
2		50 165.0	10 33.0
3		58 191.4	10 33.0
4		39 128.7	8 26.4
5		46 151.8	15 49.5
6			
7			
8			
9			
10			
T		811.8	194.7
$\bar{x}$		162.4	38.9

Sertoli Cells: seen

Remarks: few central lumens

E = 16.5 μ (3)

No. L-434 Date 11/6/42

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.		Seminiferous epith. height	
1		57	188.1	10	33.0
2		62	204.6	14	46.2
3		55	181.5	16	52.8
4		72	237.6	21	69.3
5		54	178.2	16	52.8
6		46	151.8	10	33.0
7		53	174.9	12	39.6
8		48	158.4	15	49.5
9		44	145.2	15	49.5
10		56	184.8	12	39.6
T			1805.1		465.3
$\bar{x}$			180.5		46.5

Sertoli Cells: over

Remarks:

EC 19.8 μ

No. 6-435 Date 6/9/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		97 - 320.1	9 - 29.7
2		81 267.3	17 56.1
3		70 231.0	15 49.5
4		83 273.9	18 59.4
5		71 234.3	14 46.2
6		71 234.3	12 39.6
7		96 316.8	15 49.5
8			
9			
10			
T		1877.7	330.0
$\bar{x}$		268.2	47.1

Sertoli Cells: not seen

Remarks:

E = 39.6 μ

No. 6-436 Date 11c/03

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		85 - 280.5	11 - 36.3
2		65 214.5	9 29.7
3		74 244.2	9 29.7
4		94 310.2	10 33.0
5		84 277.2	13 42.9
6		75 247.5	11 36.3
7		97 320.1	16 52.8
8		75 247.5	10 33.0
9		59 194.7	15 49.5
10		52 171.6	11 36.3
T		2508.0	379.5
$\bar{x}$		250.8	38.0

Sertoli Cells: none

Remarks:

No. 6-437 Date 11/6/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		168.3	37.0
2		191.4	34.6
3		221.1	36.3
4		178.2	19.8
5		161.7	19.8
6		207.9	49.5
7		240.9	33.0
8		174.9	29.7
9		194.7	33.0
10		207.9	49.5
T		1942.0	343.2
$\bar{x}$		194.7	34.3

Sertoli Cells: seen

Remarks:

E = 33.0 μ

No. 10-439 Date 10/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		192 - 204.6	14 - 46.2
2		68 224.4	12 39.6
3		84 277.2	16 52.8
4			
5			
6			
7			
8			
9			
10			
T		704.2	138.6
$\bar{x}$		235.4	46.2

Sertoli Cells: seen

Remarks: few tubules in x section

E = 26.4 μ

No. 6-441 Date 11/62

Spermatogenic Condition Co

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		53 - 191.4	9 - 29.7
2		54 178.2	6 19.8
3		60 198.0	9 29.7
4		59 194.7	10 33.0
5		68 224.4	15 49.5
6		59 194.7	12 39.6
7		70 231.0	14 46.2
8		56 184.8	12 39.6
9		60 198.0	14 46.2
10		73 240.9	17 56.1
T		2036.1	389.4
$\bar{x}$		203.6	38.9

Sertoli Cells: clear

Remarks:

$\bar{E}$ = 39.6 μ

(3)

No. 6-445 Date 12/1/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		38. - 125.4	
2		40 132.0	
3		27 89.1	
4		36 118.8	
5		31 102.3	
6		31 102.3	
7		29 95.7	
8		40 132.0	
9		40 132.0	
10		29 95.7	
T		1125.3	
$\bar{x}$		112.5	

Sertoli Cells: none

Remarks: lumens not present, Tubules not yet shrunk, some spermatids still visible centrally

No. 6-446 Date VII/62

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: no testes

E = 36.3 μ (2)

No. 6-447 Date VII/62

Spermatogenic Condition ? (2)

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		28 - 92.4	
2		25 82.5	
3		30 99.0	
4		30 99.0	
5		26 85.8	
6		26 85.8	
7		32 105.6	
8		25 82.5	
9		26 85.8	
10		28 92.4	
T		910.8	
$\bar{x}$		91.1	

Sertoli Cells: 1 row

Remarks:

E=4.6 μ (1)

No. 6-451 Date VII/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		55 - 181.5	28 - 92.4
2		48 158.4	8 26.4
3		63 207.9	18 59.4
4		61 201.3	19 62.7
5			
6			
7			
8			
9			
10			
T		749.1	240.9
$\bar{x}$		187.3	60.2

Sertoli Cells: none

Remarks: tubules torn

No. 60-452 Date 7/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		46 - 151.8	12 - 39.6
2		52 171.6	11 36.3
3		37 122.1	9 29.7
4		42 138.6	8 26.4
5		47 155.1	8 26.4
6		45 148.5	12 39.6
7		64 211.2	12 39.6
8		41 135.3	11 36.3
9		54 178.2	11 36.3
10		60 198.0	7 23.1
T		1614	3333
$\bar{x}$		161.0	33.3

Sertoli Cells: none seen

Remarks:

No. 2-461 Date VIII/62

Spermatogenic Condition 10

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		60 - 198.0	15 - 49.5
2		65 214.5	17 56.1
3		54 178.2	10 33.0
4		58 191.4	11 36.3
5		58 191.4	18 59.4
6		49 161.7	14 46.2
7		50 165.0	13 42.9
8		51 174.7	14 46.2
9		60 198.0	16 52.8
10		60 198.0	15 49.5
T		1890.9	471.9
$\bar{x}$		189.1	47.2

Sertoli Cells: seen

Remarks:

E = 3.5 0,4 (3)

No. 6-466 Date VIII/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. (2)	Seminiferous epith. height
1		49 - 161.7	10 - 33.0
2		61 201.3	15 49.5
3		69 227.7	10 33.0
4		68 224.4	19 62.7
5		69 227.7	18 59.4
6		60 198.0	13 42.9
7		69 227.7	19 62.7
8		51 168.3	12 39.6
9		47 155.1	10 33.0
10		49 161.7	14 46.2
T		1953.6	462.0
$\bar{x}$		195.4	46.2

Sertoli Cells: ~~Poor~~

Remarks:

6 = 33.0 μ (3)

No. 6-467 Date VIII/62

Spermatogenic Condition 4

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		53 - 174.9	16 - 52.8
2		57 188.1	11 36.3
3		64 211.2	18 59.4
4		63 207.9	12 39.6
5		64 211.2	14 46.2
6		65 214.5	10 33.0
7		60 198.0	13 42.9
8		54 178.2	15 49.5
9		70 231.0	15 49.5
10		55 181.5	10 33.0
T		1996.5	442.2
$\bar{x}$		199.6	44.2

Sertoli Cells: Rare

Remarks:

5 = 33.0 μ

No. 10-468 Date VIII/62

Spermatogenic Condition 6

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		56 - 184.8	10 - 33.0
2		46 151.8	11 36.3
3		47 155.1	11 36.3
4		46 151.8	10 33.0
5		59 194.7	11 36.3
6			
7			
8			
9			
10			
T		838.2	174.9
$\bar{x}$		167.6	35.0

Sertoli Cells: [illegible]

Remarks: Tunica Tom

No. 62-469 Date 4/21/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		63 - 207.9	19 - 62.7
2		66 217.8	20 66.0
3		69 227.7	15 49.5
4		60 198.0	19 62.7
5		63 207.9	12 39.6
6		61 201.3	14 46.2
7		55 181.5	12 39.6
8		53 174.9	7 24.7
9		55 181.5	8 26.4
10		66 217.8	14 46.2
T		2016.3	468.6
$\bar{x}$		201.6	46.9

Sertoli Cells: ~~~

Remarks:

c = 36.3 μ

(4)

No. 6-420 Date 6/11/62

Spermatogenic Condition 8

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		25 - 82.5	
2		23 75.9	
3		21 69.3	
4		23 75.9	
5		27 89.1	
6		24 79.2	
7		22 72.4	
8		20 66.0	
9		25 82.5	
10		24 79.2	
T		772.2	
$\bar{x}$		77.2	

Sertoli Cells: seen

Remarks:

No. 12-4.71 Date 11/4/62

Spermatogenic Condition _____

	Interstitial Cell nuclear diam.	Seminiferous tubule diam. μ.	Seminiferous epith. height
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: _____

Remarks: no testis

E= 9.9 μ

No. 6-4.76 Date 18/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		25 - 82.5	
2		26 85.8	
3		24 79.2	
4		29 95.7	
5		42 138.6	
6		27 89.1	
7		27 89.1	
8		28 92.4	
9		33 108.9	
10		33 108.9	
T		970.2	
$\bar{x}$		97.0	

Sertoli Cells: seen

Remarks: tubules slightly shrunk away from basement membrane, large amt cytoplasmic material (Sertoli cells?) centrally

No. 6-477 Date 12/6/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		54 - 178.2	14 - 52.8
		58 191.4	8 26.4
2		41 135.3	7 23.1
3		59 194.7	12 39.6
4		65 214.5	15 49.5
5		50 165.0	13 42.9
6		60 198.0	8 26.4
7		60 198.0	10 33.0
8		48 158.4	10 33.0
9		52 171.6	11 36.3
10			
T		1805.1	363.0
$\bar{x}$		180.5	36.3

Sertoli Cells: ~~none~~

Remarks:

E - 16.5 μ

No. 6-478 Date 1/8/62

Spermatogenic Condition 7

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
1		44 - 145.2	
2		30 99.0	
3		44 145.2	
4		47 155.1	
5		40 132.0	
6		41 135.3	
7		48 158.4	
8		36 118.8	
9		50 165.0	
10		44 145.2	
T		1399.2	
$\bar{x}$		139.9	

Sertoli Cells: seen

Remarks: some spermatids still visible

E = 19.8μ

No. 6-479 Date 1/8/62

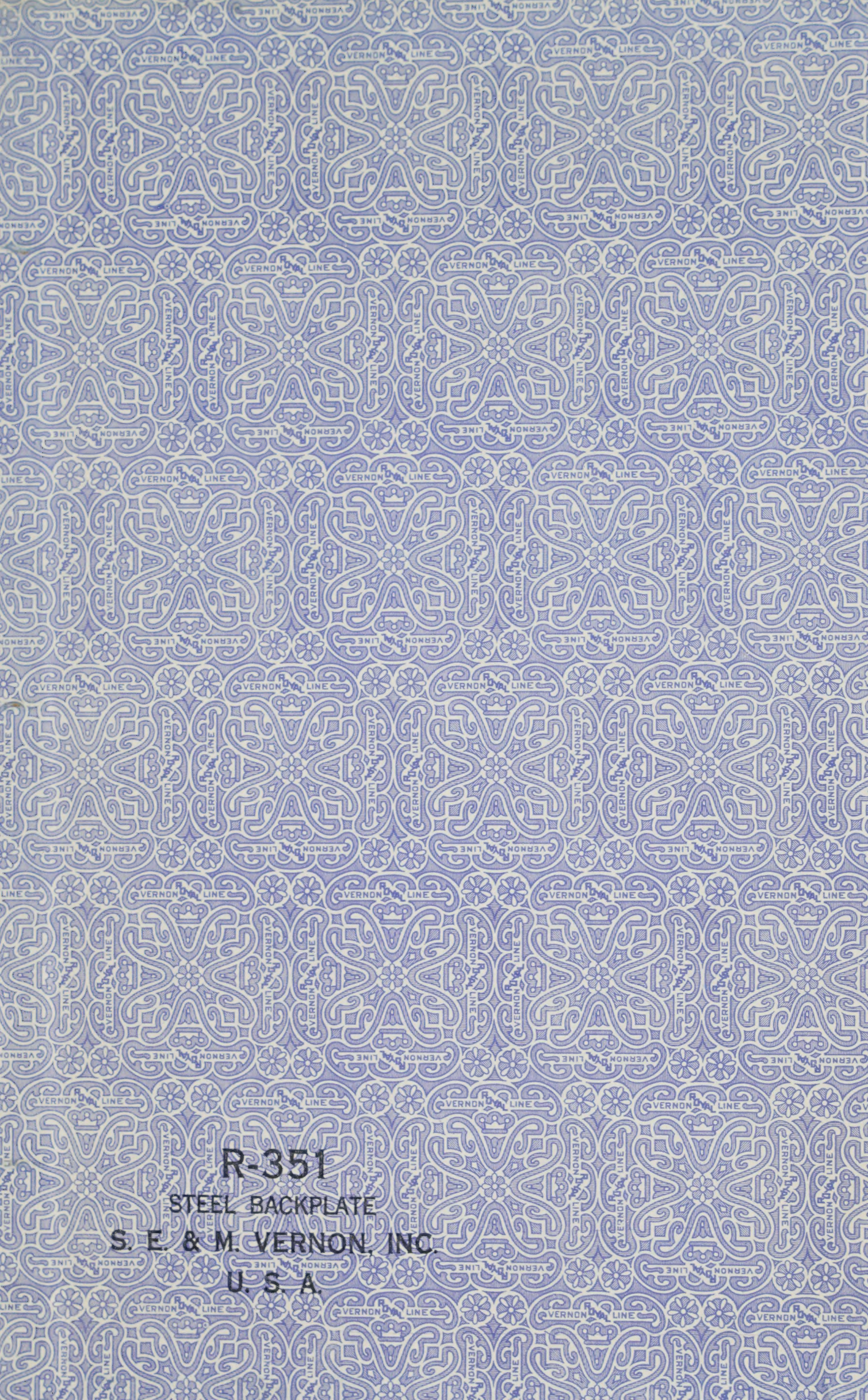
Spermatogenic Condition 7+

	Interstitial Cell nuclear diam.	Seminiferous tubule diam.	Seminiferous epith. height
		μ. m.	
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
T			
$\bar{x}$			

Sertoli Cells: seen

Remarks:

E = 13.2 μ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